



OTVARC Oscillator

The Oregon Tualatin Valley Amateur Radio Club Newsletter

October 1995 Issue

From the Prez:

Here we are again. It's October, time for pumpkins and goblins. It is also time to stop and think seriously about nominations for club officers. We will be voting on President, Vice President, Secretary, Treasurer and 2 Trustee positions.

For the most part, the last almost 2 years have been interesting to say the least, as your president. But believe me, 2 years is about all of me that you (or I) can handle. I have new employment obligations that preclude me seeking election for any position. I hope that some of the members who have expressed concern about the health of the club during my administration will consider stepping up and taking a shot. They might have some good ideas on how to make things work differently (read better in their estimation) that I was able to accomplish. I do take heart in knowing though, at least I wasn't asked to step down. I managed to dodge that bullet, totally by accident I guess. My intentions were always held with the interest of the club at heart.

I am not going to make this column sound like a funeral dirge. Many good things have happened in the last several years. I believe we have made great strides toward promoting Amateur Radio in the local community through the "Books for Schools" program; placing study guides in the various libraries around the area; public service events; etc. I can't take all the credit for those programs. Much of the credit for the actual work goes to several members of the club including, Burt Rooke, Betty Mickley, and Janet Bell. Thanks. I wish it to be a legacy that lives on past my leaving. I have always felt strongly about the importance of education.

I must plead again for someone to take over the editor position for this publication. Again, due to employment opportunities and requirements, I just don't have the time to write and edit the newsletter.

I do want to thank those people who have been willing to contribute articles to the Oscillator over the last several years. This year has seen the establishment of regular articles in the Satellite and Packet areas.

Continued - Page 9 - Prez

...From the Second Seat

from Janet Bell, WB7FJC v.p.

FUTURE TENSE:

The October Program is Pete Thunem, WA7JBG; John Avery, WA7IEJ; and Dale LeBarron, W7FBP with information about MARS--Military Affiliate Radio System, not the Planet.

MARS stations are Hams who operate on military frequencies not far outside of the Ham bands, and provide communications from military personnel overseas to their families here in the States--a great morale booster when you are far from home and long to hear the voice of someone you care for! Come and see if being involved in MARS is for you.

Our thanks to Cpt. David Sanderman and 1Lt. Ron Kirkpatrick of the Washington County Squadron, CIVIL AIR PATROL for their talk about Civil Air Patrol's communications network and opportunities for leadership training in Search and Rescue for teenagers and adults.



Minutes of Board Meeting 9-6-95

1. Meeting called to order by President Bill Merwin at 7:10 p.m..
2. Those attending were Bill Merwin, Bob Cowan, Brad Beach, Alan Chinnock, Lorna Campbell, Betty, Mickley, and Chuck Mickley.
3. Moved and seconded to dispense with the reading of the minutes.
4. Treasurers report: Approximately \$1000 in expenses this month.
5. An accounting of the Seapac money by October 1 was requested. Brad Beach will handle.
6. Membership report: membership is 205.
7. Trailer: Dee Lynch is working on the layout for the work to be done.
8. The picnic plans are moving along. Moved and seconded to authorize up to \$500 for picnic expenses. Passed.
9. Moved and seconded to include member profile information on the membership renewal forms. Passed. It was requested by the treasurer that people put their call signs on their checks when renewing.
10. A recommendation to the nominating committee; the treasurer needs to be experienced in this type of work.
11. Bill will contact Van to get the nominating committee going
12. Meeting adjourned at 7:56 pm.

Respectfully submitted
Alan Chinnock Secretary

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INTRODUCTION TO PACKET RADIO - PART 6 - by Larry Kenney, WB9LOZ

In the previous section we discussed the basics of using a packet bulletin board system. Now let's look at the BBS commands in more detail. This information is based on the W0RLI software so some of the commands might vary slightly on systems using different software, such as REBBS, MSYS, WA7MBL, etc. Use H (HELP) on your BBS if you find that a command doesn't work as described here.

LIST COMMAND: The first thing you should do when logging on to a BBS is to use the LIST command. There are many variations available, but L, by itself, is the one used most often.

L (List) - Lists all new messages, except other users' personal messages, that have been entered since you last logged in. If you want to list specific messages, you may use one of the following variations of the L command:

LM (List Mine) - Lists all messages addressed to you.

Lx Lists all messages of the type designated by 'x'. Example:
LB will list all bulletins.

L # Lists messages back to and including number #. Example:

L 4050 will list all messages, except personal messages to others, from the latest one back to #4050.

LL # Lists the last # messages. Example:

LL 20 lists the last 20 messages received at the BBS, excluding other's personal messages.

L 1 Lists ALL non-personal messages.

L> callsign - Lists all messages TO callsign indicated. Example: L> N6XYZ

L< callsign - Lists all messages FROM callsign indicated. Example: L< N6XYZ

L@ designator - Lists all messages that have that "designator" in the @ BBS column of the message header.

Example: L@ ALLCAN will list all messages with ALLCAN in the @ BBS column.

READ COMMAND: To read a message, you enter R followed by a space then the message number. Example: To read message 5723, you'd enter: R 5723. You also have the option of using the RH command, which will give you all of the forwarding headers in detail, rather than just giving you the path. Example: To read message 5723 with the full headers, you'd enter RH 5723. There is one other version of the READ command, and that's RM. Entering RM by itself will give you all of the messages addressed to you that have not yet been read.

ERASING MESSAGES: Once you have read a personal message, please erase it. The sysop will appreciate your help in clearing up "dead" messages. You use the K - KILL command to do this. You can enter K #, such as K 5723, which will erase that particular message, or you can enter KM, which will erase all of the personal messages you have read. If you use the KM command, the BBS will list the message numbers for you as they're killed.

THE "S" COMMAND: S (Send) and (Status): The letter S by itself will give you a reading of the BBS status on W0RLI systems, showing the callsigns of stations using the system, the time they connected, the ports and tasks they're using, etc. It also shows information on the messages waiting for users and those waiting to be forwarded to other bulletin board systems. S, by itself, on other systems will either prompt you for further information on sending a message, or it will give you an "illegal command" error prompt.

To use the "S" command for sending a message it must be further defined. There are three types of messages found on a packet bulletin board system: Personal, Bulletin, and Traffic.

"SP" is used for sending a personal message to one other station, "SB" for sending a bulletin, and

"ST" for sending a message that's going to be handled by the National Traffic System.

You're able to send a message to one particular person, to everyone on the local BBS, to everyone at every BBS in Northern California, in Southern California, in the entire state, or all across the entire country. It all depends on your addressing.

At the BBS prompt you enter the appropriate command (SP, SB, or ST) followed by a space and then the addressee. The addressee can be a callsign or it can be something of a general nature, such as ALL, QST, ARES, etc.

Examples: SP WB9LOZ SB ALL SB SALE

All commands, of course, must be followed by a <CR>.

If you wish to send the message to someone at another BBS, you have to indicate the call of the other BBS and the two letter abbreviation of the state it's located in following the call of the addressee. For example, to send a message to N5PQ, who uses the W5XYZ BBS in Texas, you would enter:

SP N5PQ @ W5XYZ.TX

The BBS call and the state abbreviation are separated by a period. This is the bare minimum required for delivery of messages going out of state. A more complete system of addressing is available. It's helpful in directing your messages to stations in

From the Secretary

Alan Chinnock KB7POR

Well here it is again, the downhill run to the end of the year. I have already warned you about the upcoming Holiday Parade, so I won't repeat that. This time the subject is membership renewals. This year we are going to ask for a little help from you. The Board would like to get an overall picture of the interests of the members. So this year the renewal form will look a lot like the membership profile form that a few of you turned in earlier this year. The key word here is few. We are going to try it again.

I know it is real easy to take care of this type of form by just saying "Same as before" or "No change". Please do not do this. Believe it or not my records are not always that good. Let's see if we can make 1996 the year that has correct information on the club members.

With the information the new leadership of the club will have the opportunity to look for programs and activities that will be of interest to the diverse group of people called OTVARC. This is no small challenge. This creates the opportunity for everyone in the club, officer or not, to pitch in and do something. Imagine how busy we could be if each member in the club did just one thing during the year that involved just five other people. That would be 200 activities with 1000 people doing something to promote or use Amateur Radio. See, just one small activity per person adds up to a lot of stuff. Give it a try.

Back on the subject of the membership profile. This is one that I had some trouble with. I kind of lost track of those special people who deserve to have life membership in the club. I am relatively new in the club and have not had the fortune to meet and get to know all of you. This resulted in some confusion on my part as to who you are. This year you get a chance to set me straight by filling in the 'Birthdate' space on the form. Now I will know for sure who you are. I am sorry for any of the omissions that have occurred this year as I worked through this.

One quick note from Cycle Oregon. The morning we left Halfway I have the dubious honor of being in the sweep vehicle. While we were sweeping the town for stragglers we were trapped in the middle of a cattle drive. When was the last time your ham radio activities left you in the middle of a herd of cattle. (The crowd at Artquake does not count.)

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News From All Over

VOLUNTEER OPPORTUNITIES

The **American Red Cross** needs volunteers to be trained to help out in disasters such as the hurricane on St. Thomas and other Caribbean islands, and flooding and other disasters. They always need money to help them purchase supplies. They are charged with helping out in Disasters, but no money is provided by the government to them to do it with. **ALL THEIR FUNDS COME FROM DONATIONS FROM THE PUBLIC--YOU!** Please be generous with your donations of time and money.

Call 284-1234, Disaster Services to volunteer.

The Alzheimer's Association needs volunteers to serve as team leaders for the Alzheimer's Memory Walk on Sunday, October 8th at 10 a.m. at Pioneer Courthouse Square. The walk raises funds for services for 40,000+ Alzheimer patients and caregivers in the metropolitan area.

Call 725-1756.

VICTIM ADVOCATES

The **Rape Crisis Center** in Washington County trains volunteers to provide crisis counseling, advocacy, and referral for victims of sexual assault and their families. Training will be held in October. On-call shifts are done at home or on a pager.

Call 640-5311.

NEW OMSI EXHIBIT

It's More Than You Think. What is? The new exhibit at OMSI (Oregon Museum of Science and Industry) from September to January is an intriguing psychology exhibit that will actively involve and challenge visitors. Volunteers will encourage visitors to try out the various aspects of the exhibit. An interest or background in early childhood education or psychology is helpful, but is not necessary. Minimum age is 16.

Call 797-4644.

Please call The Volunteer Center at 222-1355 for more information on ways you can help!

SHIPPING CHARGES: WATCH OUT!

Buying something freight collect is a risky business. You never really know what it will cost you until it arrives at your door and you are faced with the bill. It's too late then to do anything except pay it. "Freight Collect" is especially risky when you are buying something heavy like radio tower.

The safest way to buy tower sections via mail order is to get the dealer to agree to "FOB Destination" terms. This means two very important things to you as a buyer:

1. You will know up front exactly what the shipping charges will be.
2. If there is any shipping damage or something gets lost enroute, it is the responsibility of the seller to handle the claim details with the freight company.

Most mail order tower dealers refuse to agree to "FOB Destination" terms. Question: What do they know that you don't? Answer: They know what a pain in the neck it is to deal with a freight company about a damage claim! So, if you can't get "FOB Destination" terms, the next best option is to ask the mail order company to prepay and add the freight costs to your tower bill. You will now have to handle the damage claim with the freight company yourself, if there is one, but at least you will not be surprised by a huge shipping bill.

The best answer to this situation is to buy locally and let the local seller take care of both shipping costs and damage claims so you never have to worry about them.

Before you decide the local supplier is charging you too much, make sure you know the total delivered cost of your mail order tower! It is not wise to rely on an estimate of shipping charges given to you by a mail order company. (If they are really confident in their shipping estimate, why wouldn't they just pay it and add it to your bill?) They have a very good reason to estimate low since if they have guessed wrong (to get your business), you have to pay the difference between the estimate and the actual bill--not them! And they aren't too concerned about losing your next order, either. How many towers do you buy in a lifetime anyway?

Stan, W7NI

From: Satellite Station - W7KJZ

MIR News

German Cosmonaut Thomas Reiter, DF4TR, is now at the Russian space station MIR. He will stay there for 135 days and operate DP0MIR, as time permits. The frequencies to be used are 145.800 MHz for downlink, and 145.200 MHz for uplink, as adopted at the IARU session of the AMSAT-UK Colloquium this year. There should not be any QRM at 145.800 MHz, because this frequency is in the 2-meter satellite sub-band. So listen for DP0MIR at 145.800 MHz. The uplink is 145.550 or 145.200. Tom will operate not only over Europe, but worldwide. I do not know if Tom is operating packet/fm, ssb or cw so check all three. If you make a contact and wish to QSL use the German DARC QSL Buro. A 70 cm system, called SAFEX II, will be installed aboard the MIR spacecraft permanently in the course of this and future missions. This will primarily be an FM repeater with a downlink at 437.972, 437.950, and 437.975, and an uplink in the lower part of the 435 MHz space segment. I will provide more specific information on the uplink as soon as it is available.

AO-10

When OSCAR 13 is in its "bad attitude" activity picks up on OSCAR 10. WD5FFH reports that he has heard XR0Y on Easter Island on a frequency of 145.902 MHz SS B at 04:00 UTC on 13-Sep-95 on AO-10. Now this report is 4 weeks old, but I mentioned it to make the point that OSCAR 10, although "brain dead" is still working and is a good alternative to OSCAR 13 when its attitude does not favor apogee communications. By the way, the Easter Island group plan to remain there through October. So check it out!! However, on October 30th, OSCAR 13's attitude will change to provide better apogee communications for the following two months. According to James Miller, G3RUH, we have precious little time left for AO-13. James estimates the satellite will reenter the earth's atmosphere on or about December 5, 1996.

AO-27

In my article last month, I described this satellite's operation relative to its sun light exposure. I neglected to mention that the transmitter's output power is 600 milliwatts. It may take a beam to work this one especially if you are blocked by trees like I am.

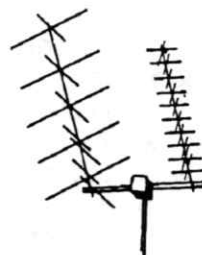
GALILEO GETS A SHOWER

About September 8 and 60 million km from Jupiter, the Galileo orbiter is passing through an intense barrage of interplanetary dust. Each day an on-board dust detector was registering up to 20,000 hits from microscopic particles, all coming from Jupiter's direction at 40 to 200 km per second. But they are apparently no larger than smoke particles, so the spacecraft is not in danger. It's not clear whether the source of the dust is the moon Io, Jupiter's tenuous ring, or debris left over from Comet Shoemaker-Levy 9.

Mode What? (ref March/April '95 Amsat Journal)

Did you ever get confused about what mode A, B, or J means? I sure did. I operate a "mode B" station when on OSCAR 13. That means I transmit on 435 Mhz. I receive on 145.900 or thereabouts. The Phase IIID satellite will use new band designations. They are as follows:

Band	Uplink	Downlink
15m (21 MHz)	H	None
10m (29 MHz)*	None	T
2m (146 MHz)	V	V
70cm (435 MHz)	U	U
23cm (1260 MHz)	L	None
13cm (2.4 GHz)	S	S
5cm (5.6 GHz)	C	None
3cm (10 GHz)	None	X
1.25cm (24 GHz)	None	K



* The 10 meter transmitter is for furnishing bulletins and similar information only, and is not configured to support two-way communications. Remember Phase IIID needs your financial support. Send your tax deductible donation to the ARRL who will match it and then send it to AMSAT. What a heck of a deal!!!

73 de W7KJZ on KOs 23 & 25

ROGUE VALLEY AMATEUR RADIO CLUB



ARRL Sanctioned

SWAPMEET OCTOBER 21, 1995 SATURDAY

THE MEDFORD ARMORY
1701 SOUTH PACIFIC HIGHWAY
MEDFORD, OREGON

PARTS
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7:00 AM FOR TABLE SETUP

9:00 AM GENERAL ADMISSION

4:00 PM CLOSE

TABLES \$10.00 EA (NON-COMMERCIAL ONLY)

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AMOUNT ENCLOSED \$ _____ (\$5.00 PER PERSON) (\$10.00 PER TABLE) FOR _____ PERSONS AND
_____ TABLE(S). YOUR ENTRY TICKETS AND NAME TAG WILL BE AT THE ENTRANCE DOOR.

(registration confirmation will be sent to address above)

MAKE CHECK PAYABLE TO: RVARC

MAIL TO: RVARC, 1707 EAST MAIN STREET, MEDFORD, OR 97504

ADDITIONAL INFORMATION CONTACT: W5HVK AT (503) 770-5631

OTHER SIDE FOR MORE
INFORMATION, TALK IN, VEC, MAP
AND MORE!

the U.S more quickly and is required for messages going to stations outside of the U.S. It's called hierarchical addressing, and its covered in detail in the next part of this series.

To send a general message or bulletin to more than just the local BBS, you need to use a designator in place of the BBS call. The designator indicates the area where you want the message distributed.

In northern California,

ALLCAN indicates that you want the message sent to all Northern California BBSs, which includes all of them from Santa Cruz, Gilroy, and Fresno northward.

ALLCAS is used to send a message to all BBSs in the southern part of the state.

ALLCA is used for sending a message to EVERY BBS in the state.

ALLUSW is used for distribution to CA, AZ, NV, OR, WA and ID.

USA is the designator to use for sending a message to EVERY BBS IN THE USA. Extreme care should be used when using the USA designator. Please make sure that the subject matter is of interest to packet users everywhere and please keep the message as short as possible. "For Sale" messages should NOT be sent with the @USA designator. The National HF Packet Network is somewhat fragile, due to varying band conditions, so unnecessary traffic can keep more important traffic from getting through.

Here are a few examples of how you would correctly address a bulletin-type message for general distribution:

SB ALL @ ALLCAN SB SALE @ ALLCA SB QST @ ALLCAS SB AMSAT @ USA

If you have traffic for the National Traffic System, you must use a special format. NTS messages are entered as ST ZIPCODE @ NTSXX, where the XX is the two-letter state abbreviation. Examples:

ST 03452 @ NTSNH ST 60626 @ NTSIL

When you have the address line of your message complete, you enter a carriage return (<CR>). You'll then receive a prompt asking for the SUBJECT or TITLE of the message. Enter a brief description of what the message will be about, followed by a <CR>. Next, you'll be asked to enter the TEXT of the message. When entering the text, you should insert carriage returns at the end of each line, as if you were typing a letter. A normal line has a maximum of 80 characters, so when you have 70 to 75 characters typed, enter a carriage return and continue on the next line. This will prevent words from wrapping around to the next line and the program inserting an unnecessary blank line in the text. After you have completed the text, you end the message with a CONTROL Z. (You send a CONTROL Z by holding down both the CONTROL key and the Z key simultaneously.) You must follow the CONTROL Z with a carriage return. (Some systems will also allow you to use /ex to end a message.) When you receive the BBS prompt, you'll know that the message has been accepted by the system.

FILE DIRECTORY COMMANDS:

W (What) - Entering W, by itself, gives you a list of the directories available on the BBS along with an associated letter for each directory, called the directory ID.

Wd Gives a list of the files in the directory indicated by d. The "d" is the directory ID you obtain with the W command.

D (Download) - Used for reading files from a directory. Must be used with a directory ID and filename using the following form: Dd filename The "d", again, is the directory ID and the filename must be entered exactly as listed in the directory. Example: DG FCCEXAM.INF

U (Upload) - Used for uploading (sending) a file to the BBS. The command must be used with a directory ID, followed by the filename you're assigning to the file, using the form: Ud filename. The d indicates the ID of the directory where you want to enter the file. Filenames can have up to 8 characters preceding the dot and 3 characters following the dot. Example: UM FLEAMKT.INF would upload a file named FLEAMKT.INF into the directory with the M ID. The BBS program will not allow you to upload a file with a filename that already exists, and some directories are set by your local sysop for downloading only.

GENERAL MISCELLANEOUS COMMANDS:

I (Info) - Gives you details on the hardware, software and RF facilities of the BBS you're using, or on some systems, a page of upcoming events, helpful hints, or other useful information.

J Displays a listing of stations that were heard by the BBS or that connected to the BBS. Must be used with a port identifier, such as JA, JB, etc. J by itself will list the port IDs for you.

M (Monitor) - Used for monitoring the activity on another port of the BBS. Must be used with a port identifier, such as MA, MB, etc. M by itself will list the port IDs. (Not available on all systems.)

B (Bye) - When you're finished using the BBS, you enter a B to disconnect.

HELP DOCUMENT: Every BBS has help available for the user. Simply enter an H and follow the directions given. In most cases, an H followed by a space and then the letter of the command you want help on will give you the specific information you need. For example, if you wanted to know more about the Download command, you would enter H D at the prompt. There are other commands available that are specific to the particular software being used. Check your local BBS for a complete list of the commands available to you.

EMERGENCY SERVICES



On Thursday, November 16th from 9AM until approximately 2PM, the Washington County Southeast Quadrant will be conducting a practice emergency test. The geographical area primarily corresponds to the area covered by the Tualatin Fire & Rescue district and the Beaverton Fire district. This test will involve public agencies of Washington County, WACCCA (Washington County Consolidated Communications Agency-911), Cities of Beaverton, Tualatin, and Hillsboro, Meridian Park Hospital, and other public and private agencies serving the public. This test is a precursor to the next QuakEx, scheduled for early next year.

This test will involve ham radio participation, primarily to test point-to-point radio communications on 2-meter voice (FM) and packet from one Emergency Operations Center to another, by passing test messages. The more hams that are willing to participate, the more locations that can be staffed. Experience or training in emergency operations is not required, but there is no better way to gain experience and training for the real thing! Only a desire to help is required, as some locations already have ham radio gear in place. However, if you can additionally provide radio and/or packet equipment, so much the better.

This will be a real experience to behold, since Ham radio is almost always first to be set up and operating (even public agencies have trouble getting their phones to work for these tests, and rely on ham radio exclusively during the startup operations sometimes).

For additional information, you can check in on the Washington County ARES net, held weekly on Tuesdays at 7PM local time on the 146.90- repeater (145.19- alternate), except for meeting nights, which is the 2nd Tuesday of the month. Or you may contact Ben Johnson N7OGM (Washington County Emergency Coordinator) at 649-2469. If you are available, please let Ben know. If not, listen to the repeaters listed above, and to 147.40 simplex during the test to find out what's happening. To find out more about ARES, check into the net, or better yet, attend a meeting.

Prez - Cont'd from Page 1

Thanks to Dick and Rick for their help in preparing these. Keep up the good work. I have really enjoyed your articles and have found them to be informative and useful. Especially the Satellite articles. I have had an interest in Satellite but had no idea where to start. With Dick's help, I have a better idea now.

Well, that's about it for now. By the time you read this, my bride (KB7WJN) and I will have been in Reno to celebrate our 25th wedding anniversary (September 26th) where we got re-married. We decided to be out of town for our anniversary so that our kids didn't have to throw us a party..... Took the money and spent it doing what we wanted to do <grin>.

Hope to see more of you at the October meeting. There is strength in numbers and the club only functions to a high level of satisfaction when a larger cross-section of the membership make their needs and wishes known.

TTFN and TTYL - (:<) The Old Grey Bear

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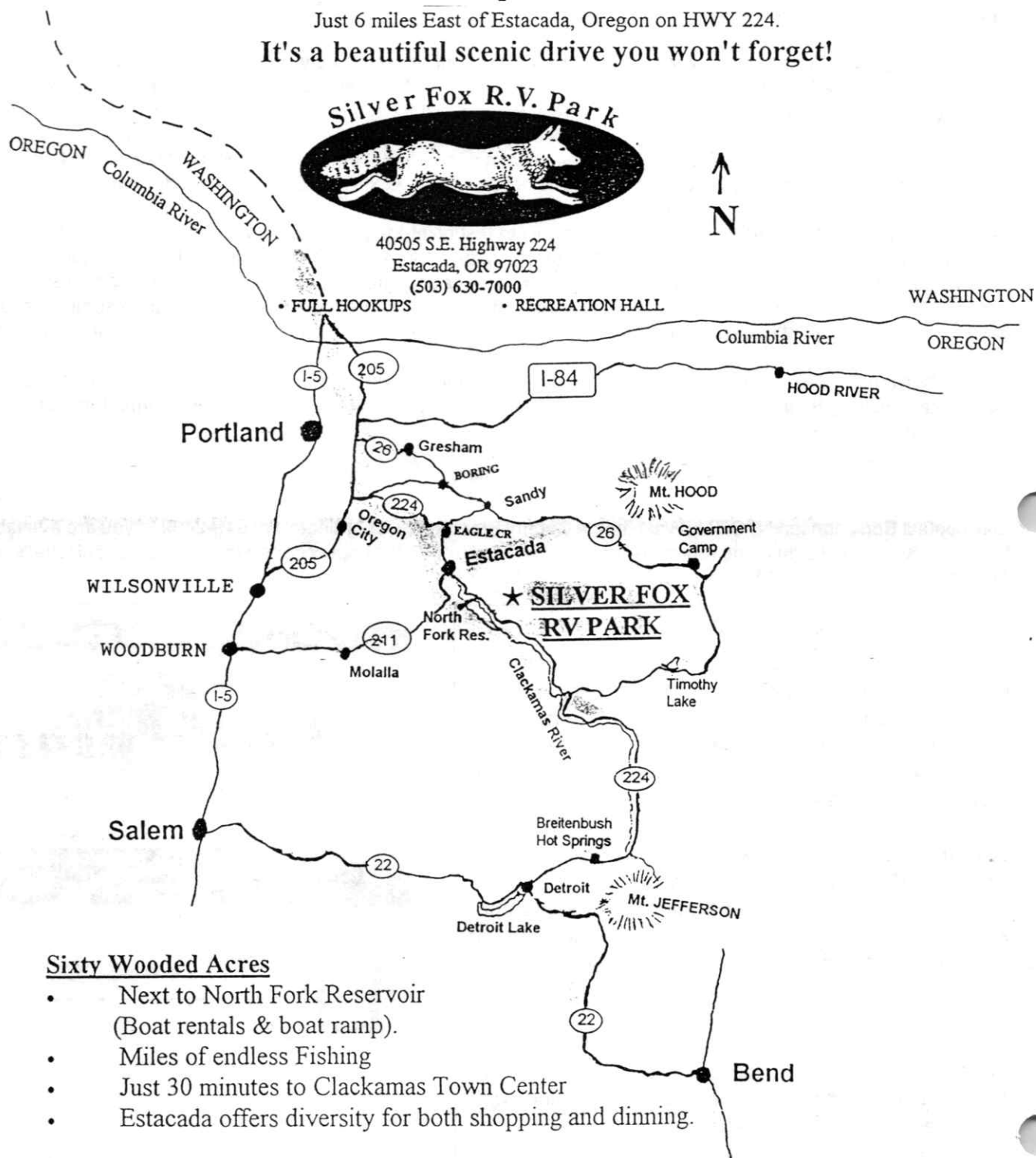
OTVARC TRAVELERS CAMPOUT

October 20-21-22 1995

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OTVARC Club Contacts

OTVARC Executive Board

President	Bill Merwin	N7VZF	644-1974
Vice President	Janet Bell	WB7FJC	648-4147
Secretary	Alan Chinnock	KB7POR	620-2057
Treasurer	Lorna Campbell	KA7RFD	591-1891
Trustee	Wes Allen	K7WWG	649-3295
Trustee	Brad Beach	N7NVC	657-1781
Trustee	Chuck Mickley	KI7CL	642-1284
Trustee	Bob Cowan	KI7QI	699-9213
Trustee	Burt Rooke	KI7JX	241-2891

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	297-2732
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	Rich Jones	KG7FS	645-9417
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	WB7SIC	640-5456
Emergency Services	Tim Taylor	N7UCA	292-5430
Field Day	Carl Clawson	WS7L	629-5796
Health & Welfare	OPEN		
Member Badges	Terry Sparks	AA7ZO	628-0372
Newsletter Editor	Bill Merwin	N7VZF	640-8873
Newsletter Layout	Bill Merwin	N7VZF	883-8504
Newsletter Distribution	Al Berg	WB7SIC	640-5456
Nominating Committee	Hanford Van Ness	KE7BB	246-7975
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	OPEN		
Public Relations	Bill Merwin	N7VZF	644-1974
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	N7PEX	640-0217
Satellites	Dick Emmel	W7KJZ	245-1928
Scholarship	Exec. Board	N7VZF	644-1974
Sea-Pac	Al Berg	WB7SIC	640-5456
	Brad Beach	N7NVC	657-1781
	Jim Schaeffer	KB7ADH	245-2518
Technical	OPEN		
Tower Ordinances	Stan Griffiths	W7NI	649-0837
Trailer	Dee Lynch	KA7NPN	646-4580
Training(Code)	Burt Rooke	KI7JX	241-2891
Training(Novice/Tech)	Burt Rooke	KI7JX	241-2891
Training(Upgrade)	OPEN		
VE Testing	OPEN		
VE Test Schedule	OPEN		
VHF/UHF	Bill Roth	N7RYW	297-7605

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views and recommendations of its contributors are not necessarily those of the Club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time from January through June and July through December. All ads must be paid for in advance. Rates for 1994 are as follows:

Full Page	8" X 10"	\$200 for 6 mo.
Half Page	8" X 5"	\$125 for 6 mo.
Qtr Page	4" X 5"	\$75 for 6 mo.
Bus. Card	2" X 3"	\$35 for 6 mo.

Meetings: We have two meetings per month. The board meeting is on the first Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Club, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.

Membership OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club Treasurer for prorated dues.

How To Join: Simply mail the Member Application and Renewal Form along with your dues to the address above.

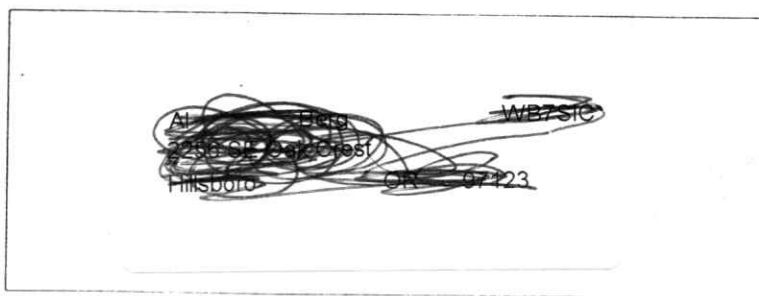
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Stan Griffiths, W7NI Internet: W7NI@teleport.com
18955 S.W. Blanton St. Phone: (503) 649-0837
Aloha, OR 97007-1230 FAX: (503) 591-1620

Oregon Tualatin Valley Amateur Radio Club
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Aloha, Oregon 97006-0132

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